

=> d his ful

(FILE 'HOME' ENTERED AT 15:03:49 ON 21 MAR 2005)

INDEX 'ABI-INFORM, ADISCTI, ADISINSIGHT, ADISNEWS, AQUALINE, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHNO, CANCERLIT, CAPLUS,
CBNB, CEN, CHEMLIST, CIN, CONFSCI, CSNB, DISSABS, EMBAL, EMBASE, ENERGY,
ENVIROENG, ESBIOWASE, FEDRIP, FOMAD, ...' ENTERED AT 15:04:05 ON 21 MAR
2005

SEA BLUE CRAB OR BLUE CRABS OR CALLINECTES OR SAPIDUS

67 FILE ABI-INFORM
108 FILE AQUALINE
1886 FILE AQUASCI
91 FILE BIOBUSINESS
1 FILE BIOCOMMERCE
95 FILE BIOENG
2347 FILE BIOSIS
70 FILE BIOTECHNO
2 FILE CANCERLIT
845 FILE CAPLUS
1 FILE CHEMLIST
171 FILE CONFSCI
182 FILE DISSABS
1 FILE EMBAL
316 FILE EMBASE
106 FILE ENERGY
11 FILE ENVIROENG
461 FILE ESBIOWASE
24 FILE FEDRIP
4 FILE FOMAD
90 FILE FROSTI
19 FILE HEALSAFE
31 FILE HSDB
12 FILE IFIPAT
14 FILE INIS
1 FILE IPA
145 FILE JICST-EPLUS
630 FILE LIFESCI
287 FILE MEDLINE
4 FILE MSDS-OHS
5 FILE NAPRALERT
2 FILE NIOSHTIC
171 FILE NLDB
260 FILE NTIS
764 FILE PASCAL
139 FILE POLLUAB
413 FILE PROMT
2093 FILE SCISEARCH
606 FILE TOXCENTER
101 FILE USPATFULL
8 FILE USPAT2
263 FILE WATER
6 FILE DDFB
4 FILE DDFU
6 FILE DRUGB
4 FILE DRUGU
25 FILE BABS
2 FILE DIOGENES
42 FILE INVESTEXT
275 FILE AGRICOLA
3 FILE ANTE

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322  FILE CABA
19   FILE CROPB
36   FILE CROPU
171  FILE FSTA
10720 FILE GENBANK
L1   QUE PLU=ON  BLUE CRAB OR BLUE CRABS OR CALLINECTES OR SAPIDUS
-----
      SEA L1 AND (ATTRACTANT OR ATTRACT OR ATTRACTANTS OR PHEROMON?)
-----
      8  FILE ABI-INFORM
21     FILE AQUASCI
9      FILE BIOENG
26     FILE BIOSIS
8      FILE CAPLUS
1      FILE CONFSCI
1      FILE DISSABS
1      FILE EMBASE
4      FILE ESBIODBASE
1      FILE IFIPAT
13     FILE LIFESCI
3      FILE MEDLINE
1      FILE NTIS
7      FILE PASCAL
27     FILE PROMT
28     FILE SCISEARCH
11     FILE USPATFULL
1      FILE USPAT2
1      FILE WATER
1      FILE INVESTEXT
2      FILE AGRICOLA
1      FILE CABA
1      FILE CROPB
3      FILE GENBANK
L2   QUE PLU=ON  L1 AND (ATTRACTANT OR ATTRACT OR ATTRACTANTS OR
      PHEROMON?)
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FILE 'AQUASCI, BIOSIS, CAPLUS, DISSABS, EMBASE, LIFESCI, MEDLINE,
SCISEARCH, WATER, AGRICOLA, CABA, CROPB' ENTERED AT 15:08:26 ON 21 MAR
2005
L3   106 SEA PLU=ON  L2
L4   57 DUP REM L3 (49 DUPLICATES REMOVED)
      D 1- BIB,AB,HIT

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ANSWER 42 OF 57 AQUASCI COPYRIGHT 2005 FAO (On behalf of the ASFA
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AN 88:13322 AQUASCI

DN ASFA1 1989 19-20909

TI Threshold levels of crab chemoreception for amino acids and results of
field tests using these amino acids as **attractants** in artificial
bait.

AU Miller, R.E.; Heukelem, W.F. van

CS Horn Point Lab., Univ. Maryland, Cambridge, MD 21613, USA

SO J. SHELLFISH RES., (1988) vol. 7, no. 1, p. 127. Summary only..

Meeting Info.: 1986 Annu. Meet. of the National Shellfisheries Assoc..
Seattle, WA (USA). 22 Jun 1986.

ISSN: 0077-5711.

DT Journal

TC Conference; Abstract

FS ASFA1

SL English

AB Various amino acids were tested on **Callinectes sapidus**
and *Cancer irroratus* to determine threshold levels of chemoreception.
Molarities were detected by *C. sapidus* as low as 10^{-12} .
However, *C. irroratus* demonstrated even greater chemosensitivity which
may allow them to utilize darker and therefore deeper habitats than *C.*
sapidus. Some of these amino acids were used as chemical
attractants in artificial bait for *C. sapidus*. The
artificial baits were not as effective as natural bait on the first day
but were nearly as effective on day two.

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artificial baits were not as effective as natural bait on the first day
but were nearly as effective on day two.

ORGN **Callinectes sapidus**; *Cancer irroratus*

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 164 | blue near crab or callinectes or sapidus | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:24 |
| L2 | 1 | 1 and 424/84 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:24 |
| L3 | 26 | 1 and (424/84 or attract\$10 or pheromon\$10) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:31 |
| L4 | 15 | 1 and (intestin\$10 or testes or testicular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:35 |
| L5 | 2 | eicosane near docasane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:35 |
| L6 | 0 | eicosane near docasane and extended near release | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:32 |
| L7 | 1 | slow near5 (release or releasing or released) near1000 (eicosane or docasane or tetracosane or nonacosane or prentacosane or hexacosane or tricosane or octacosane or docosenes) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:38 |
| L8 | 1 | (slow or slowly or extended or control or controlled) near5 (release or releasing or released) near1000 (eicosane or docasane or tetracosane or nonacosane or prentacosane or hexacosane or tricosane or octacosane or docosenes) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:50 |

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|-----|----|--|--|----|----|------------------|
| L9 | 95 | (slow or slowly or extended or control or controlled) near5 (release or releasing or released) and (eicosane or docasane or tetracosane or nonacosane or prentacosane or hexacosane or tricosane or octacosane or docosenes) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:50 |
| L10 | 1 | asparagine near1000 nortriptyline | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:50 |
| L11 | 11 | asparagine near1000 urethane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:50 |
| L12 | 7 | (slow or slowly or extended or control or controlled) near5 (release or releasing or released) and 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:52 |
| L13 | 70 | (slow or slowly or extended or control or controlled) near5 (release or releasing or released) and (epinephrine near1000 nortriptyline) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:54 |
| L14 | 1 | (slow or slowly or extended or control or controlled) near5 (release or releasing or released) and (epinephrine near1000 nortriptyline).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:54 |
| L15 | 6 | (slow or slowly or extended or control or controlled) near5 (release or releasing or released) and (epinephrine and nortriptyline).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:55 |
| L16 | 1 | (slow or slowly or extended or control or controlled) near5 (release or releasing or released) and (epinephrine near10 nortriptyline) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:56 |

| | | | | | | |
|-----|-----|--|---|----|----|------------------|
| L17 | 184 | (slow or slowly or extended or control or controlled) near5 (release or releasing or released) and epinephrine and nortriptyline | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/21 15:56 |
|-----|-----|--|---|----|----|------------------|